

Engineering Technical Writer

The ideal candidate will have an Associate's degree in Electrical or Computer Engineering or 2+ years equivalent work experience in the field of semiconductor digital logic design.

Candidates will be working with ASIC engineers to help document the microarchitecture and design of a microprocessor. There will be multiple smaller components and documents, each following a standard template that captures text and diagram descriptions. Engineers will provide technical information to the candidates, which the candidates will then help articulate into an architecture specification. The candidate will work with the engineers to bring the documents to maturity.

Position is full time and on-site in Phoenix metro area, and possibly also in the Denver metro area.

The following skills and experience are required:

- Basic understanding of digital design documentation concepts such as interfaces, timing diagrams and block diagrams.
- Integration of sketches, drawings, text and verbal descriptions into formal documentation (text, block diagrams and timing diagrams).
- MicroSoft Office based tooling, with a strong working knowledge of standard templates, formats, fonts, numbering, TOC, and integration of images and objects.
- Demonstrated strict attention to detail with an ability to create documentation that is clear, concise, and exhibits professionalism and technical flow.
- Some exposure to configuration management.
- Excellent verbal communication skills

The following additional skills and experiences are highly desirable:

- More advanced understanding of digital design concepts such as registers, state machines, pipelines, Boolean functions, data flow diagrams, and clocks and resets.
- Ability to identify missing or inconsistent technical content, point out deficiencies to engineering, and possibly propose solutions in the form of additional or revised content.

Must be a US Citizen, Permanent US Resident, or currently authorized to work in the U.S. on a full-time basis without future employment sponsorship.

For consideration, please send your resume to careers@firstpasseng.com